

F5
canceled
wherein the winding further comprises an arched twisted lead.

REMARKS

Reconsideration of the above-identified application in view of the foregoing amendments and the following remarks is respectfully requested.

Claims 1-9, 13-17 and 21-34 were pending in this application. The November 20, 2002 Office Communication indicated that at least claims 21-31 and 34 would be allowable if the claim amendments were resubmitted. Applicant has now done so, and allowance is respectfully requested.

As to the remaining claims (nos. 1-9, 13-17, 32 and 33), it is respectfully asserted that this amendment places this case in condition for allowance by either canceling the rejected claims or amending them as suggested by the Examiner. First, claims 3, 5, 32 and 33 have been cancelled by this amendment.

Second, Claims 1, 2, 4, 6-9 and 13-17 have been placed in condition for allowance. The November 20, 2002 Office Communication indicated that the amendments to claim 1 requested in our October 30, 2002 Amendment After Final would not be entered because they raised new issues, in the Examiner's view. Specifically, the Examiner objected to the addition into claim 1 of the claim elements of pending claim 5, without further incorporating the elements of intervening claim 3. As requested, Applicants now resubmit the amendments to claim 1 further incorporating the claim elements of claim 3. In addition, dependent claims 13, 15 and 17 have been amended to depend from claim 1 instead of cancelled claim 3.

In short, the rejections of claims 1-2, 4, 6-9, 13-17, 21-31 and 34 are now moot.

CONCLUSION

In view of the above remarks, it is respectfully asserted that this application is in condition for allowance, and the Applicants request an early and favorable examination on the merits. In the event that a telephone conference would facilitate the examination of this application in any way, the Examiner is invited to contact the undersigned at the number provided.

THE COMMISSIONER IS HEREBY AUTHORIZED TO CHARGE ANY ADDITIONAL FEES WHICH MAY BE REQUIRED FOR THE TIMELY CONSIDERATION OF THIS AMENDMENT UNDER 37 C.F.R. §§ 1.16 AND 1.17, OR CREDIT ANY OVERPAYMENT TO DEPOSIT ACCOUNT NO. 13-4500, ORDER NO. 3401-4022.

Respectfully submitted,
MORGAN & FINNEGAN, L.L.P.

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By: Matthew R. Blackburn

Matthew R. Blackburn
Registration No. 47,428

Correspondence Address:

MORGAN & FINNEGAN, L.L.P.
345 Park Avenue
New York, NY 10154-0053
(212) 758-4800 Telephone
(212) 751-6849 Facsimile

(212)
415-8771

APPENDIX
(Changes Shown)

IN THE CLAIMS

Please AMEND the claims as follows:

1. (Thrice amended) A vehicle alternator comprising
a case,
a stator winding, and
an electrically-insulating element interposed between the case and the winding, the
insulating element being an annular body mounted on the case,
wherein the insulating element has at least one duct extending through an orifice in the
case and wherein the duct extends so as to project from an inner side face of the insulating
element towards an axis of the stator and is interposed between the case and the winding radially
relative to an axis of the stator.

Please cancel claim 3 and 5.

13. (Amended). An alternator according to claim [3]1, wherein the insulating
element is interposed between the case and the winding axially relative to an axis of the stator.

14. (Amended). An alternator according to claim [5]1, wherein the insulating
element is interposed between the case and the winding axially relative to an axis of the stator.

15. (Amended). An alternator according to claim [3]1, wherein the insulating
element extends in register with an inner side face of the winding.

16. (Amended). An alternator according to claim [5]1, wherein the insulating
element extends in register with an inner side face of the winding.

xx 17. (Amended). An alternator according to claim [3]1, wherein the insulating element has a first indexing portion enabling the angular position of the stator around an axis of the stator to be identified.

27. (Amended). An alternator comprising:

a case having at least one orifice;

a stator positioned within the case, the stator defining a stator axis;

a winding wound on the stator;

an insulating element interposed, radially relative to the stator axis, between the case and the winding, the insulating element having a first indexing portion enabling an angular position of the stator around the stator axis to be identified, the first indexing portion including a stud; and

at least one duct extending from the insulating element through an orifice in the case, and wherein the case has a second indexing portion having a groove suitable for co-operating with the indexing portion of the insulating element.

30. (Amended). An alternator [according to claim 29] comprising:

a case having at least one orifice;

a stator positioned within the case, the stator defining a stator axis;

a winding wound on the stator;

an insulating element interposed, radially relative to the stator axis, between the case and the winding;

at least one duct extending from an inside face of the insulating element along the stator axis through an orifice in the case; and

at least one live wire twisted lead of the winding received by the at least one duct,

wherein the twisted lead are offset so as to project from the winding in a radial direction towards the stator axis.

Please cancel claims 32 and 33 without prejudice or disclaimer.

34. (Amended). An alternator [according to claim 1] comprising:

a case;

a stator winding; and

an electrically-insulating element interposed between the case and the winding, the insulating element being an annular body mounted on the case, the insulating element having at least one duct extending through an orifice in the case,

wherein the winding further [comprising] comprises an arched twisted lead.